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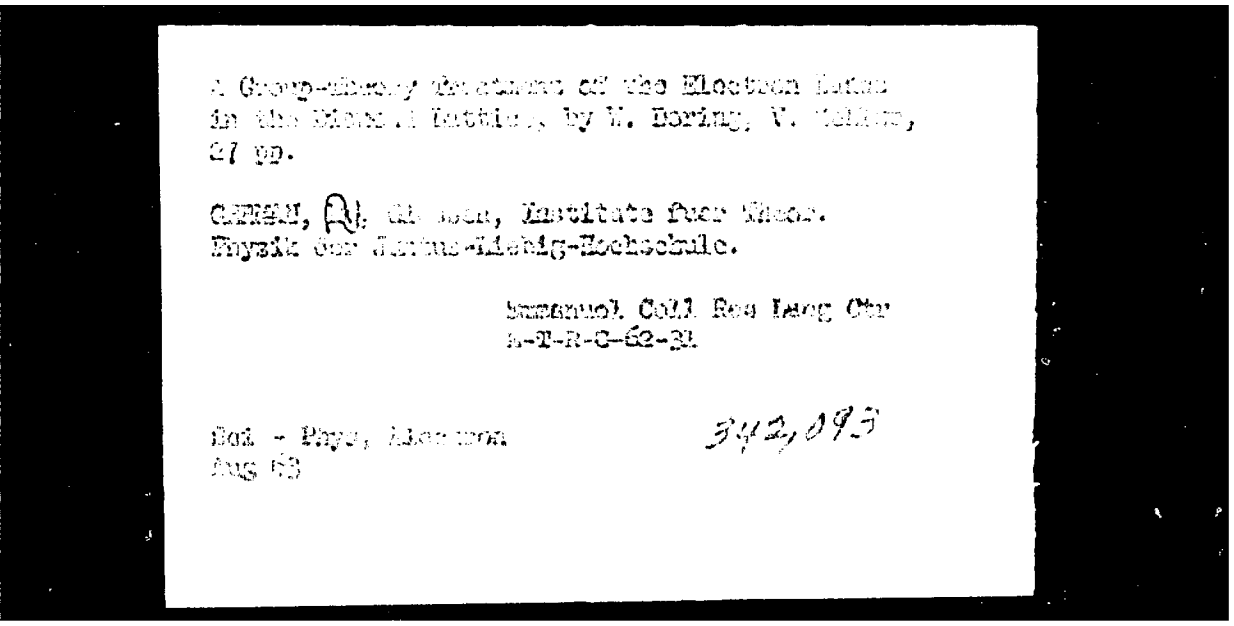

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ON THE PARTICLE SIZE DISTRIBUTION IN MILLED POWDERS. [1961] [10]p. 5 refs.
Order from SLA $1.10 61-18834

Trans. of Kolloid-Zeitschrift (West Germany) 1958, v. 160, no. 1, p. 16-20.

DESCRIPTORS: Particles, *Ball mills, Ferrites, Powder metallurgy, Grains (Metallurgy), Barium, Barium compounds, *Powders.

The empirical relationship of Rosin and Rammler for the residue $R(X) = 100 \exp(-bx)^n$, is compared with that of Martin for the particle frequency distribution, $N(X) = a \exp(-bx)$. It is concluded that both relationships omit the larger particle diameters. A new particle distribution function N(X) is suggested, which was proved in the evaluation of characteristic count results on barium ferrite powder.
(Metallurgy, TT, v. 6, no. 10)

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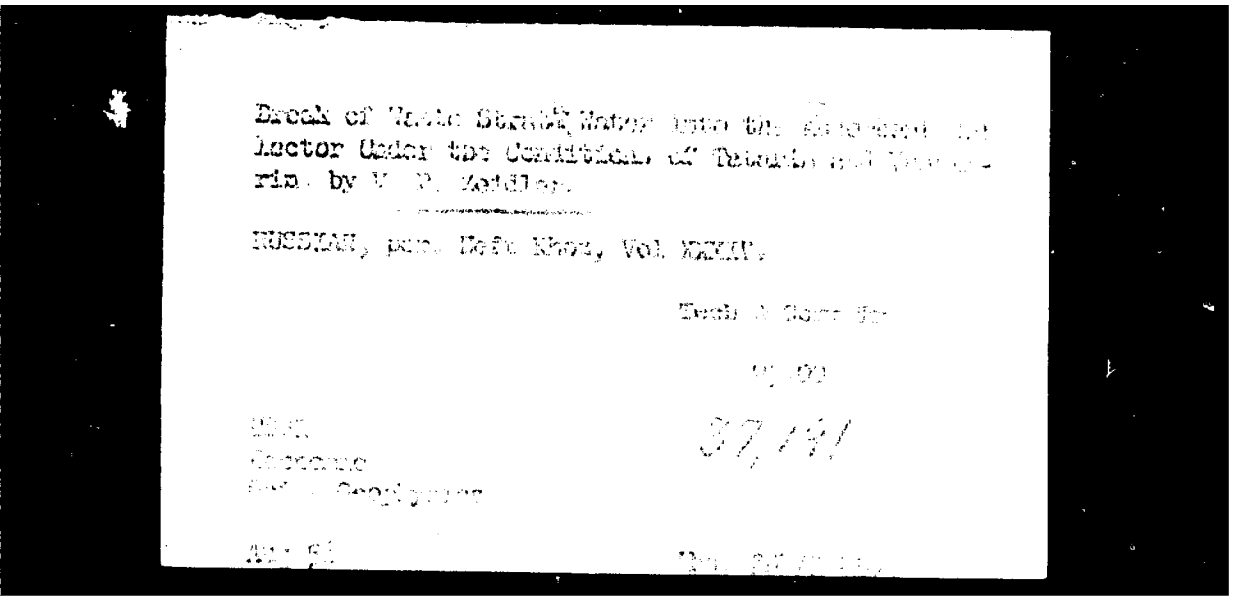

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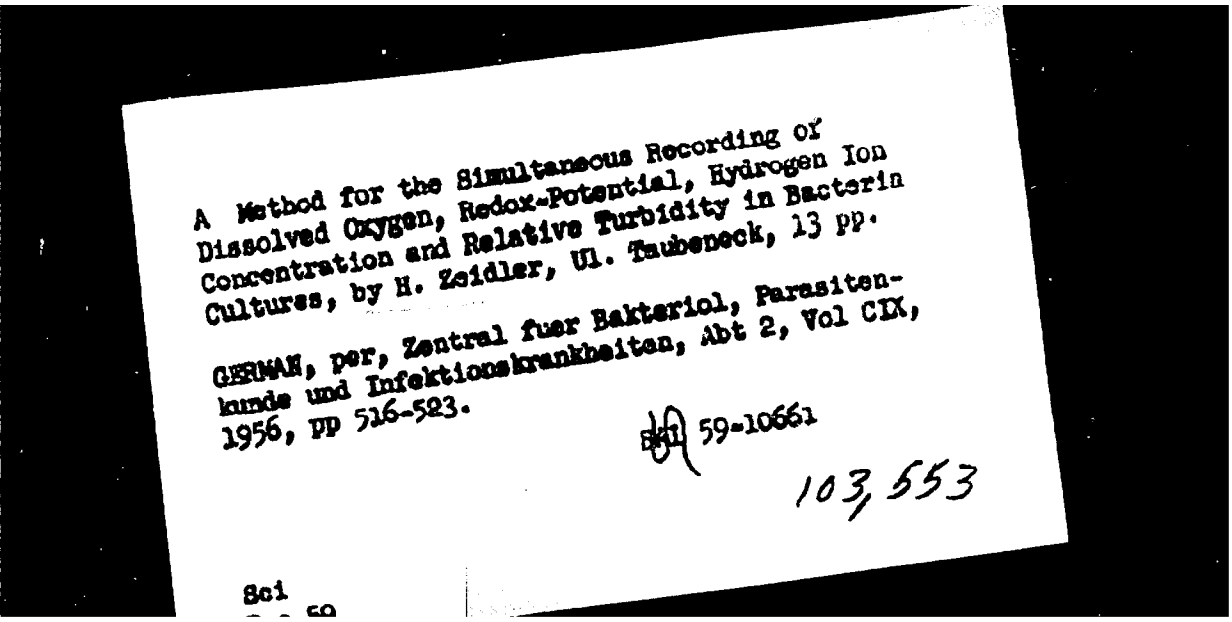

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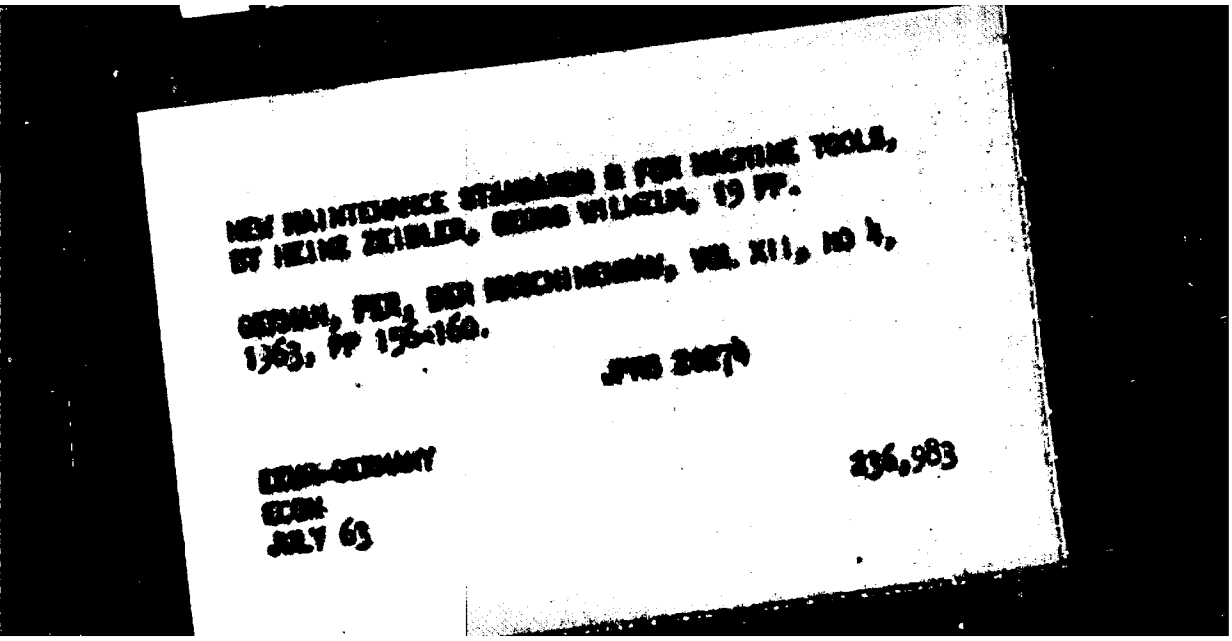

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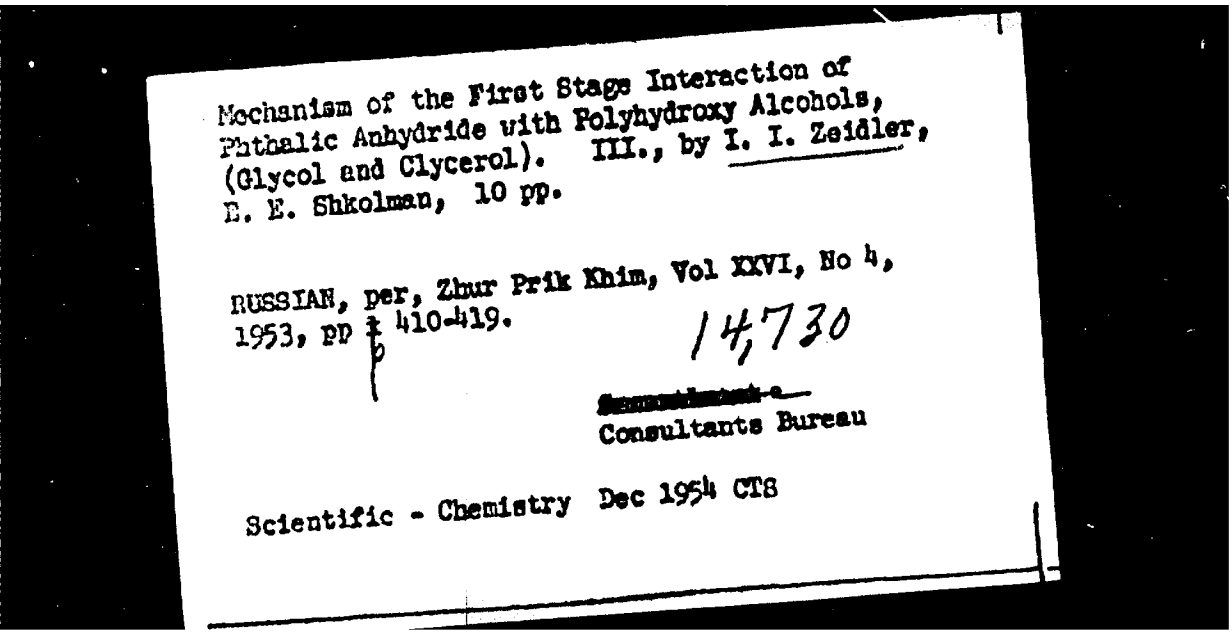

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DESCRIPTORS: *Psychology, Psychiatry, Medicine.

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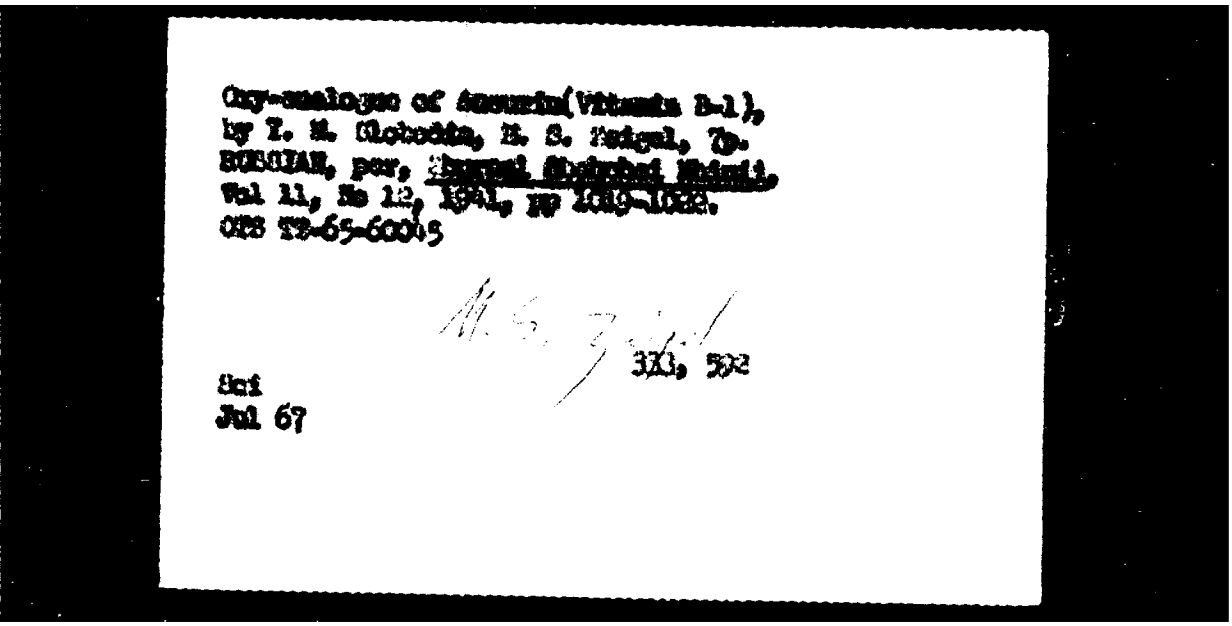

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(Materials--Plastics, TT, v. 12, no. 6)

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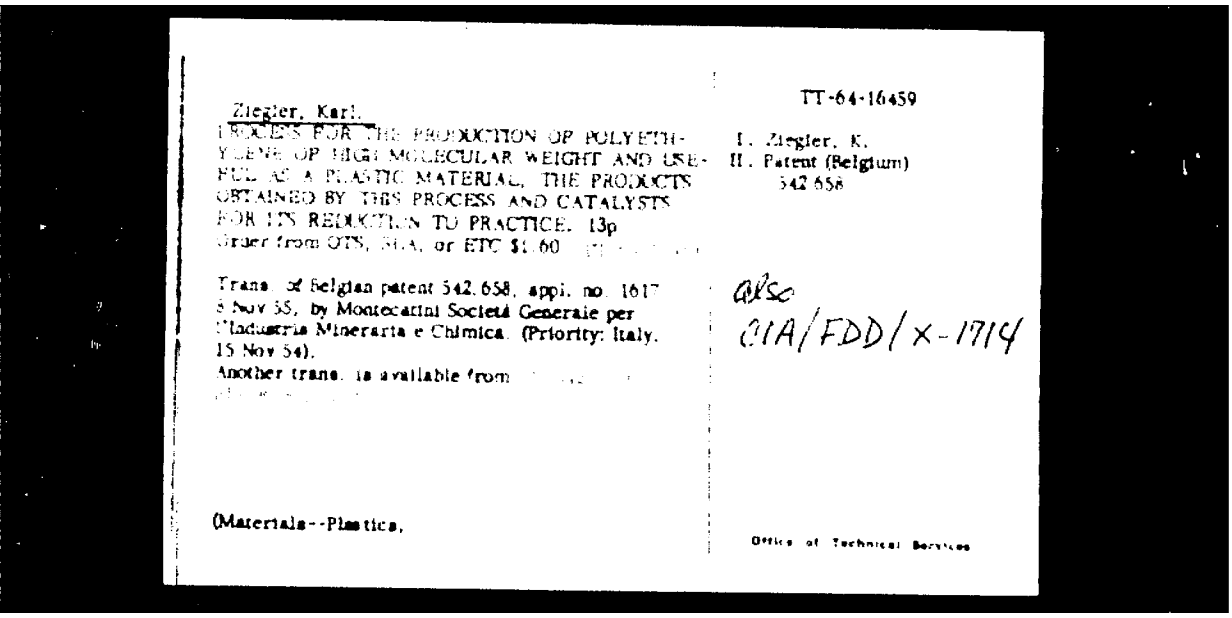

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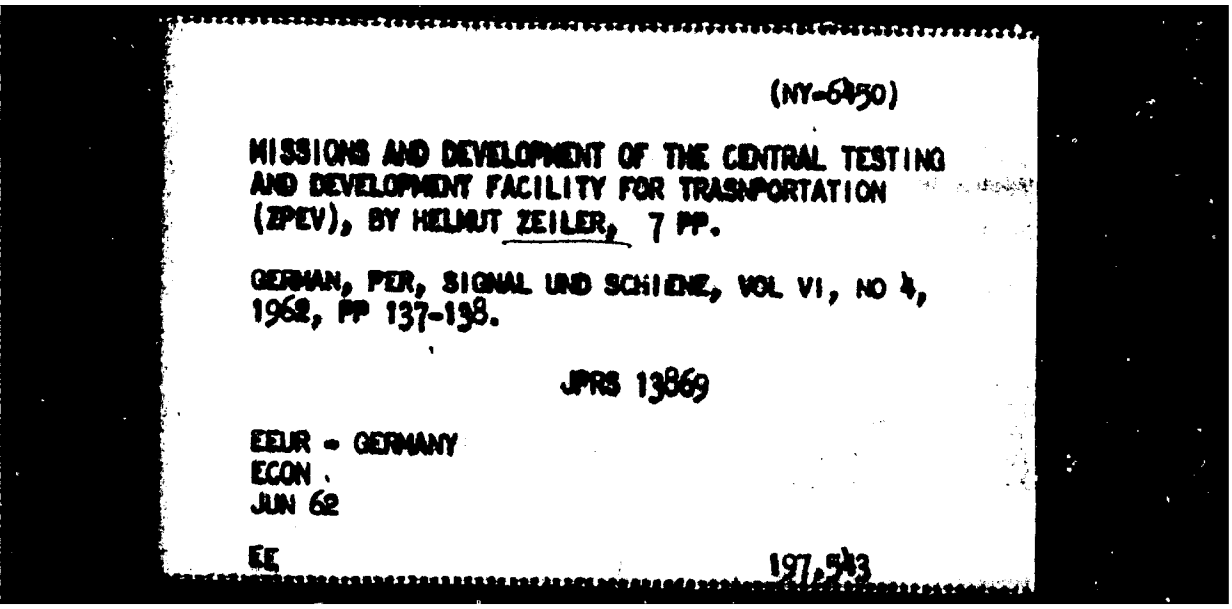

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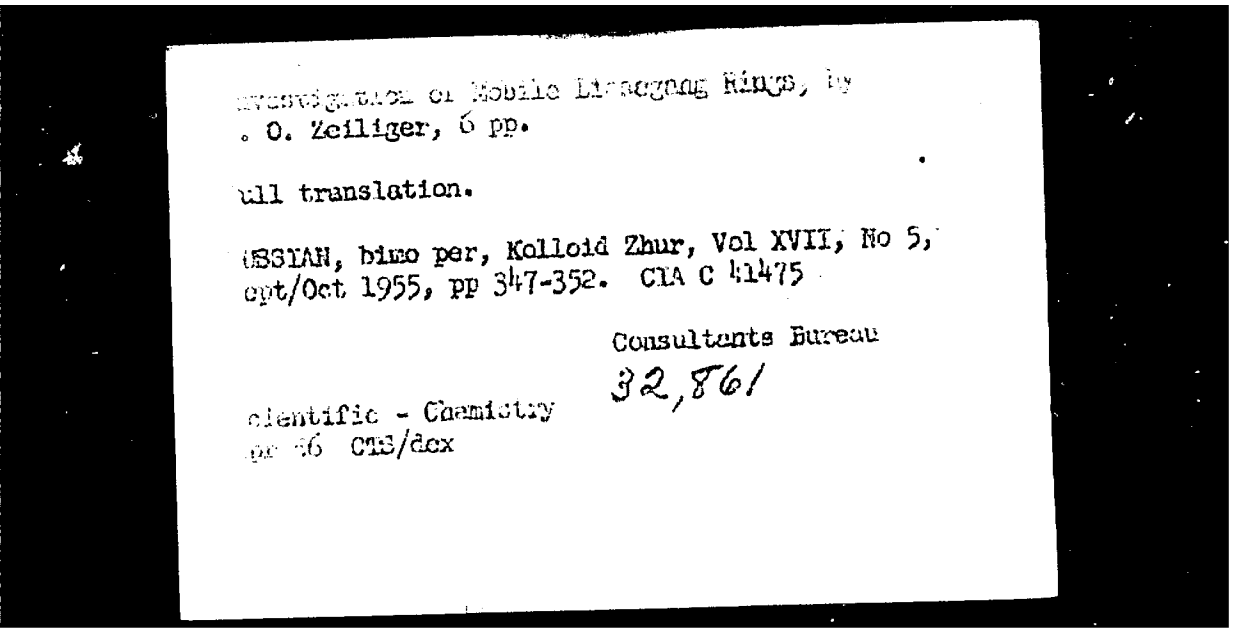

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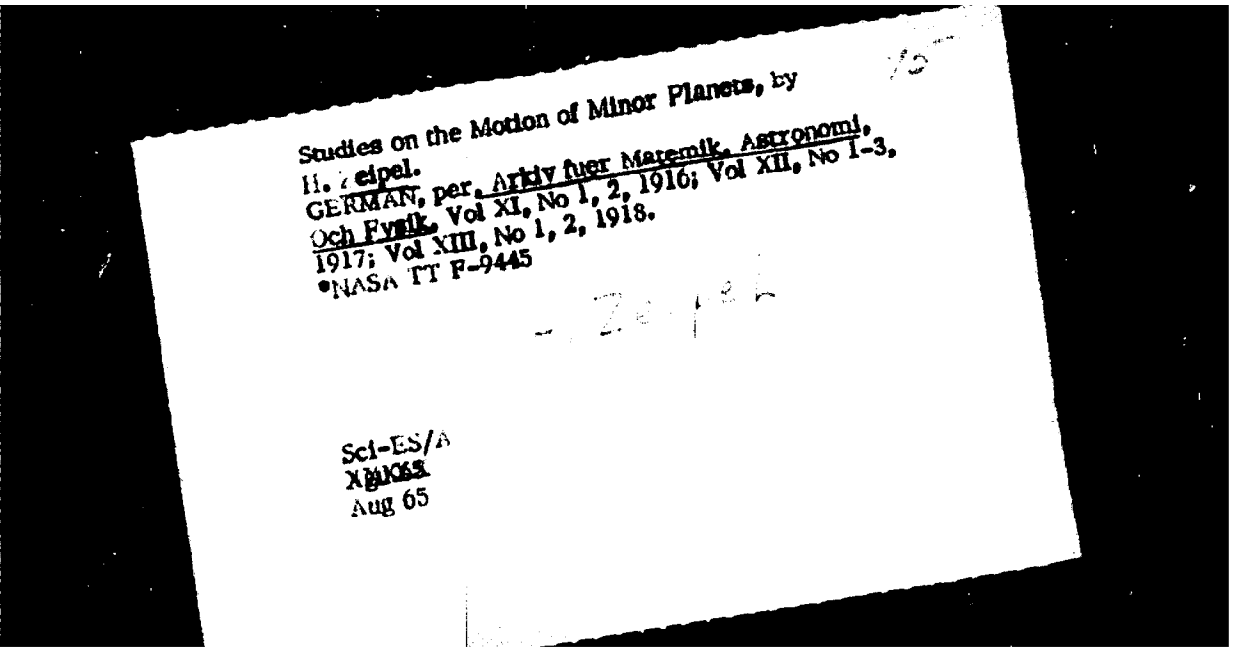

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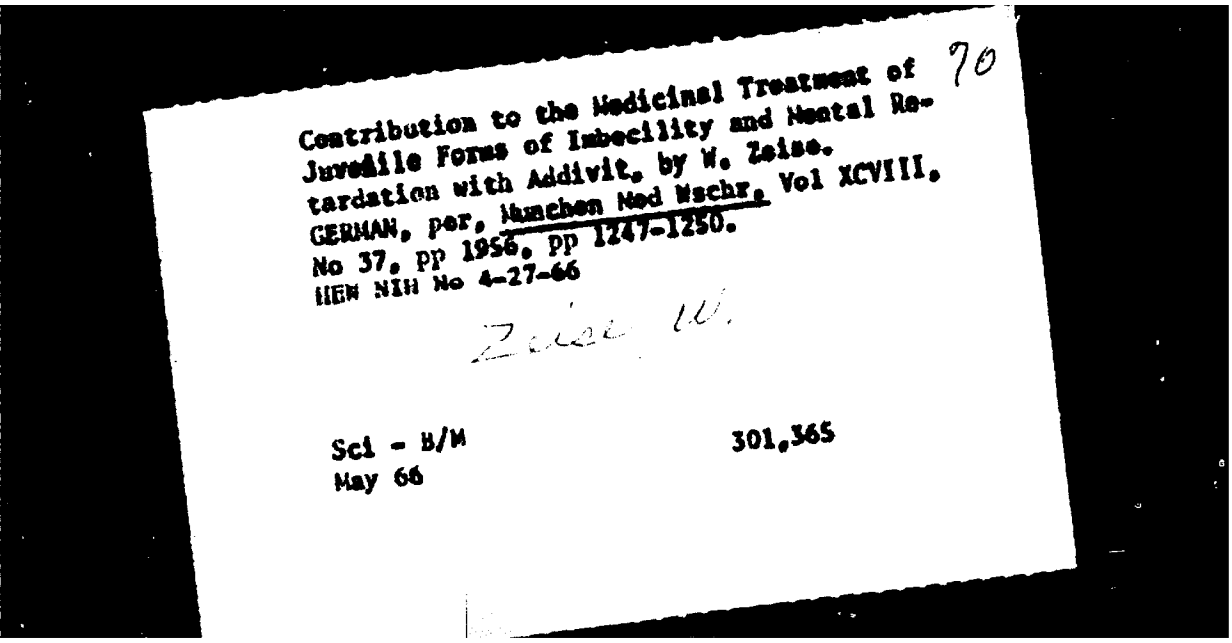

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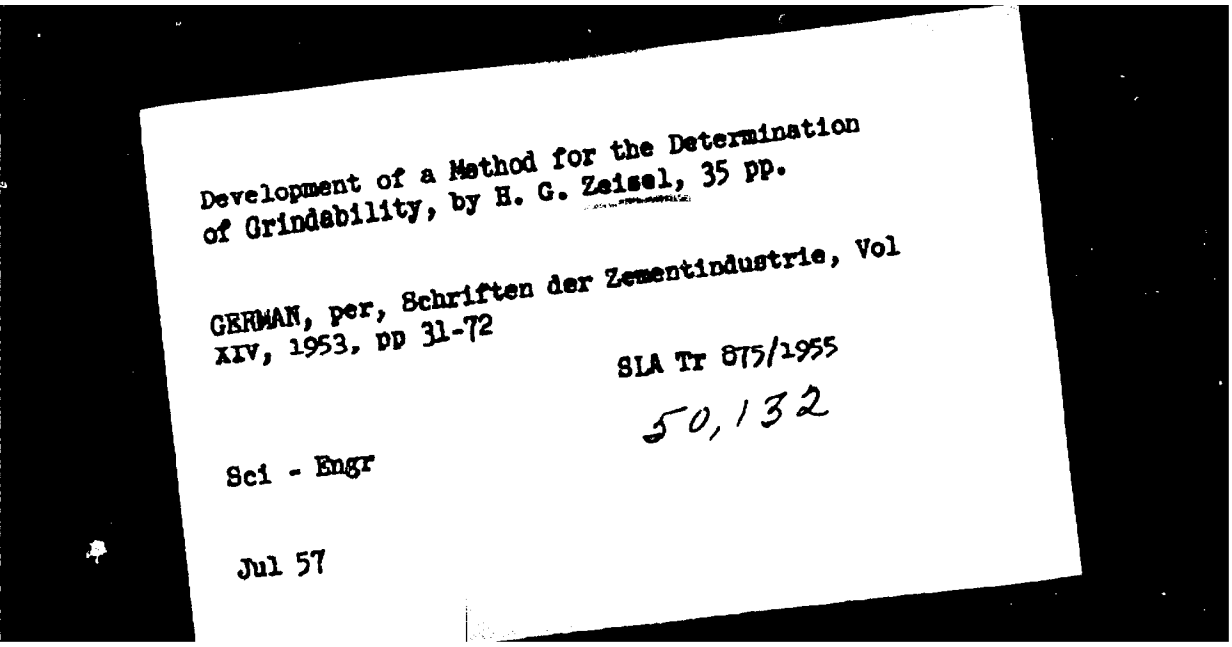

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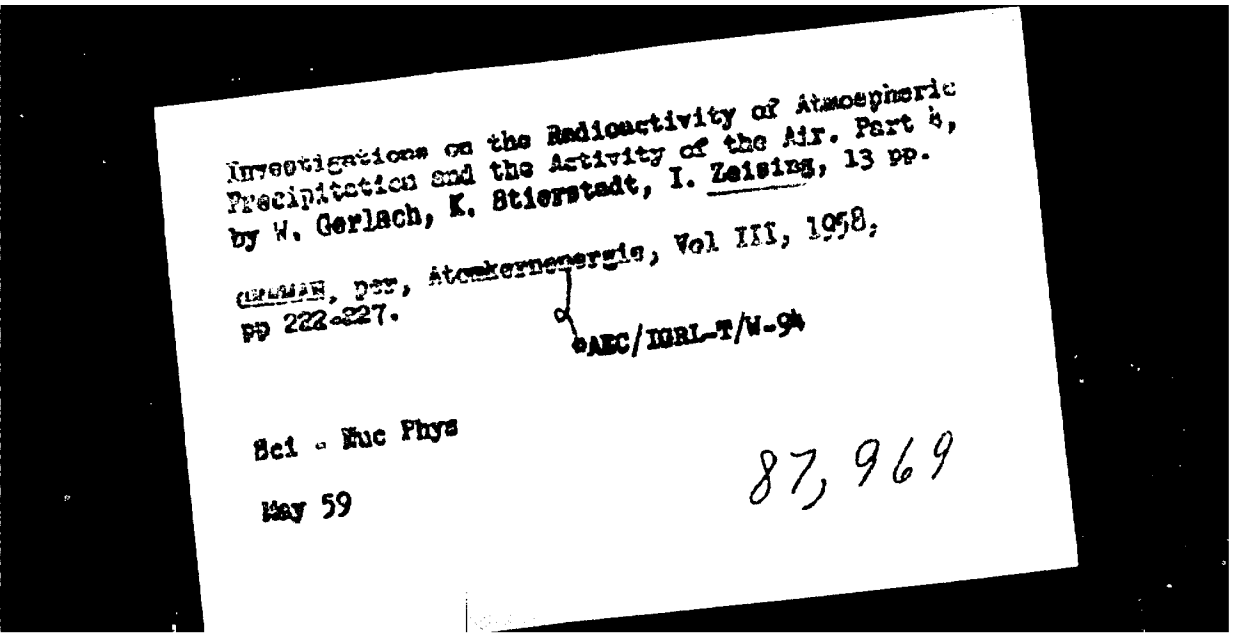

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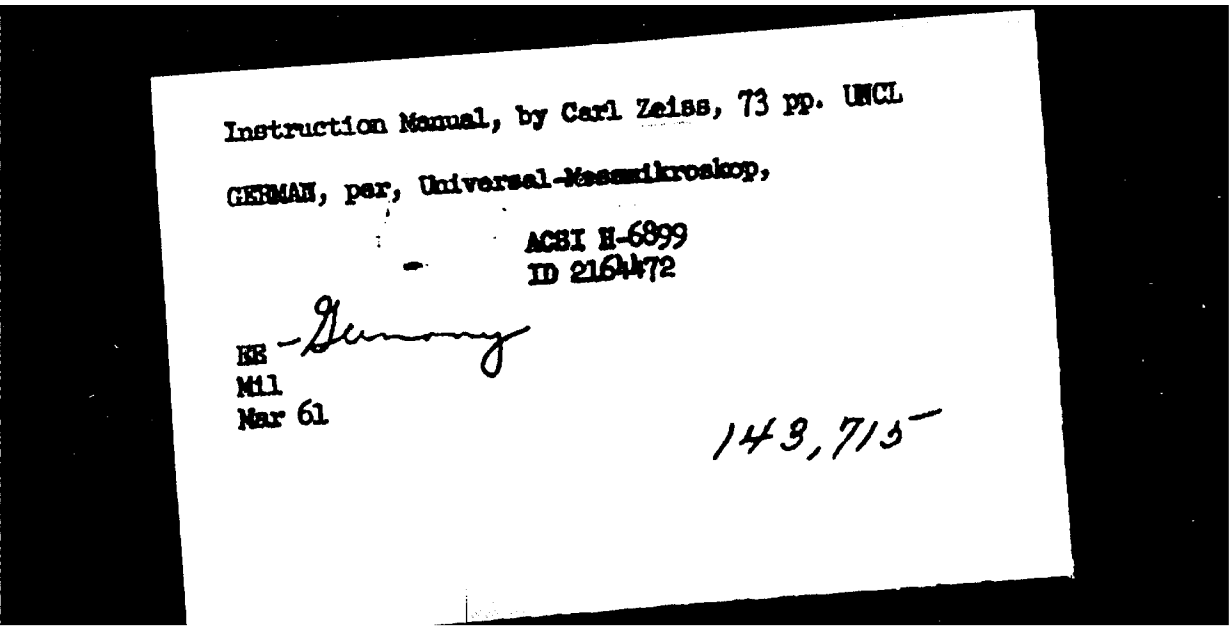

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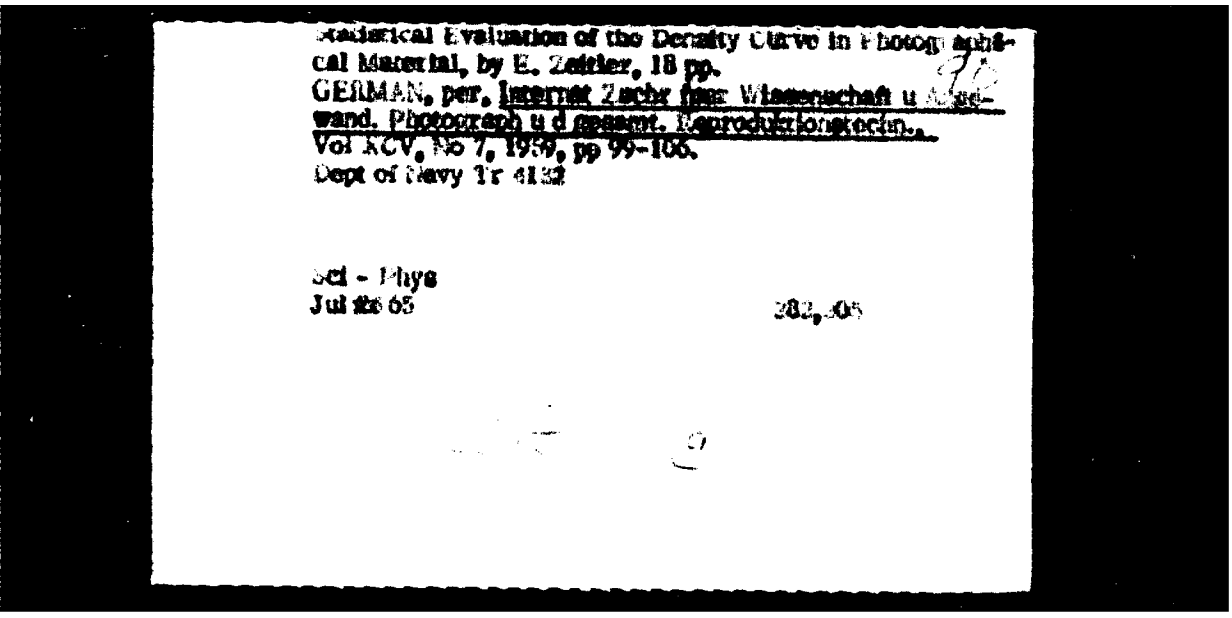

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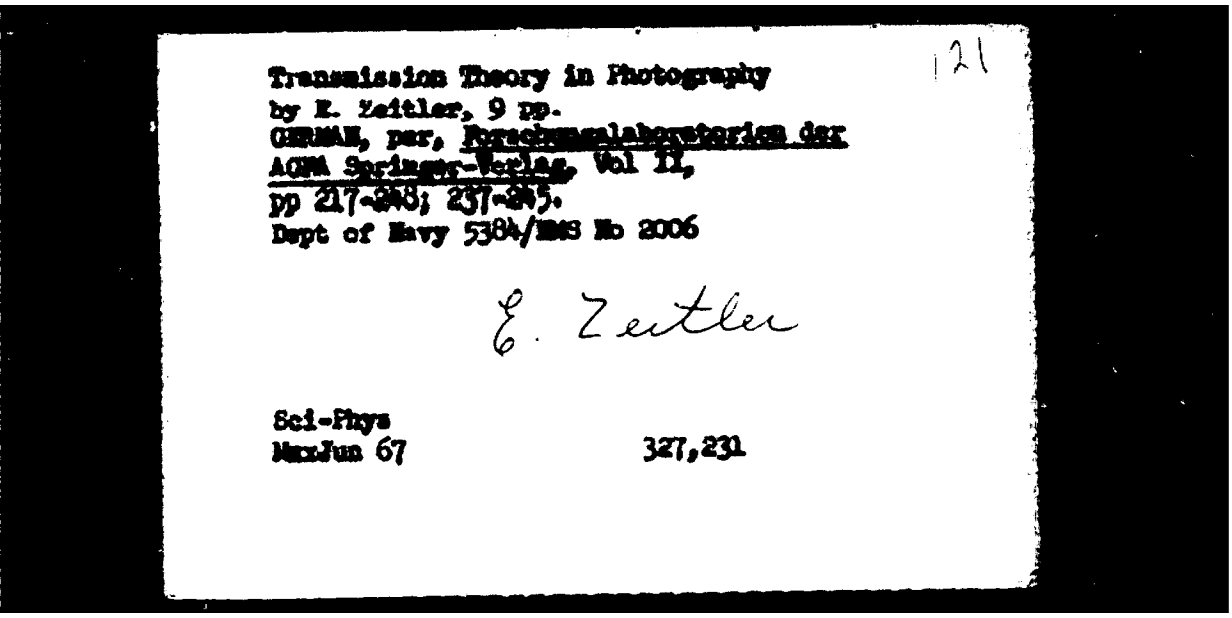

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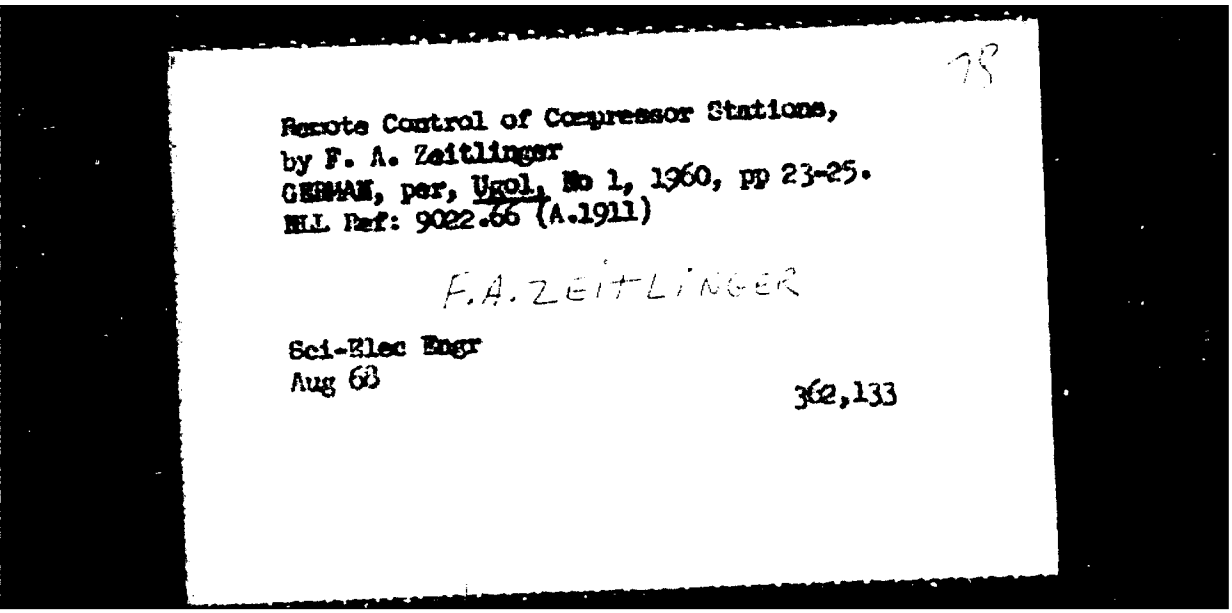

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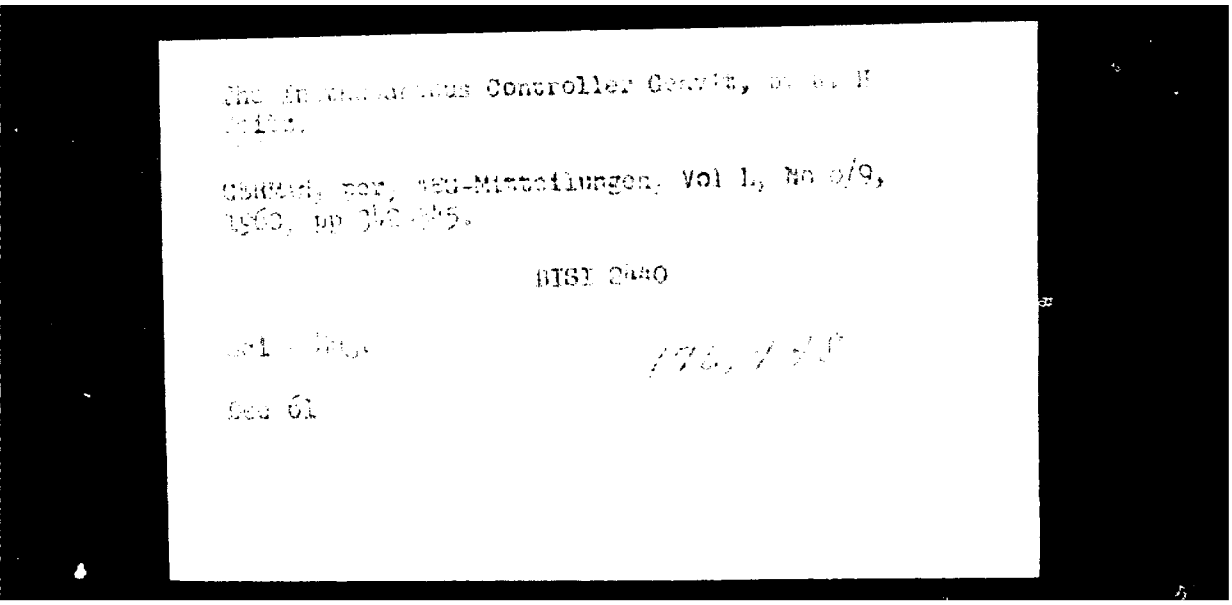

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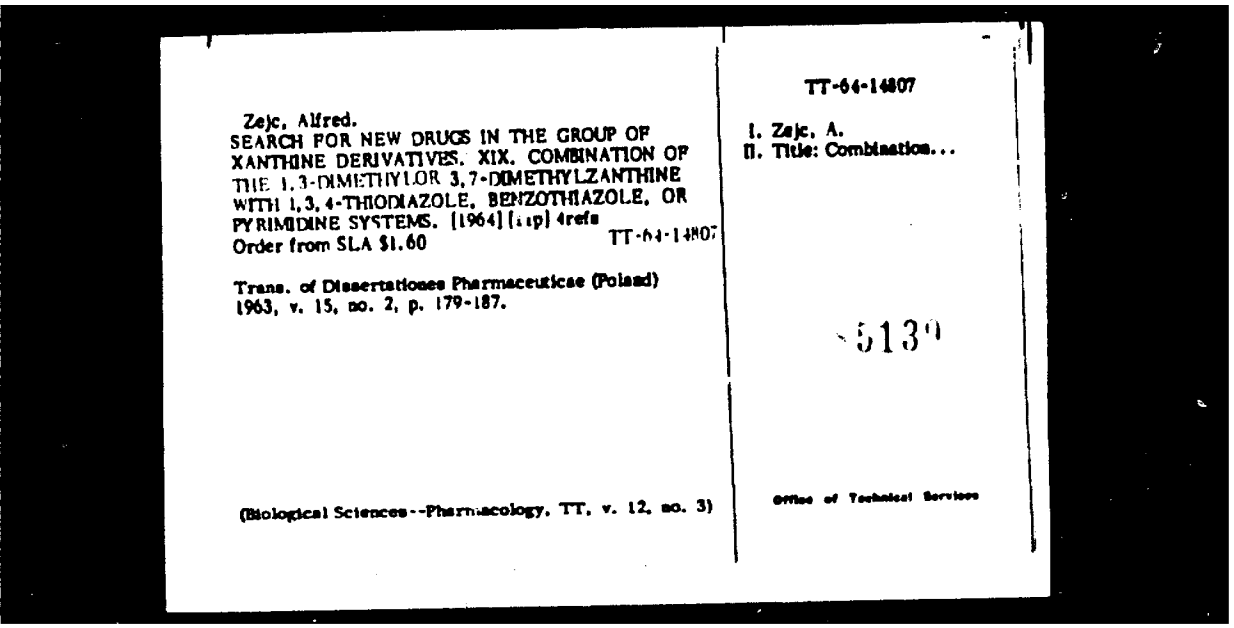

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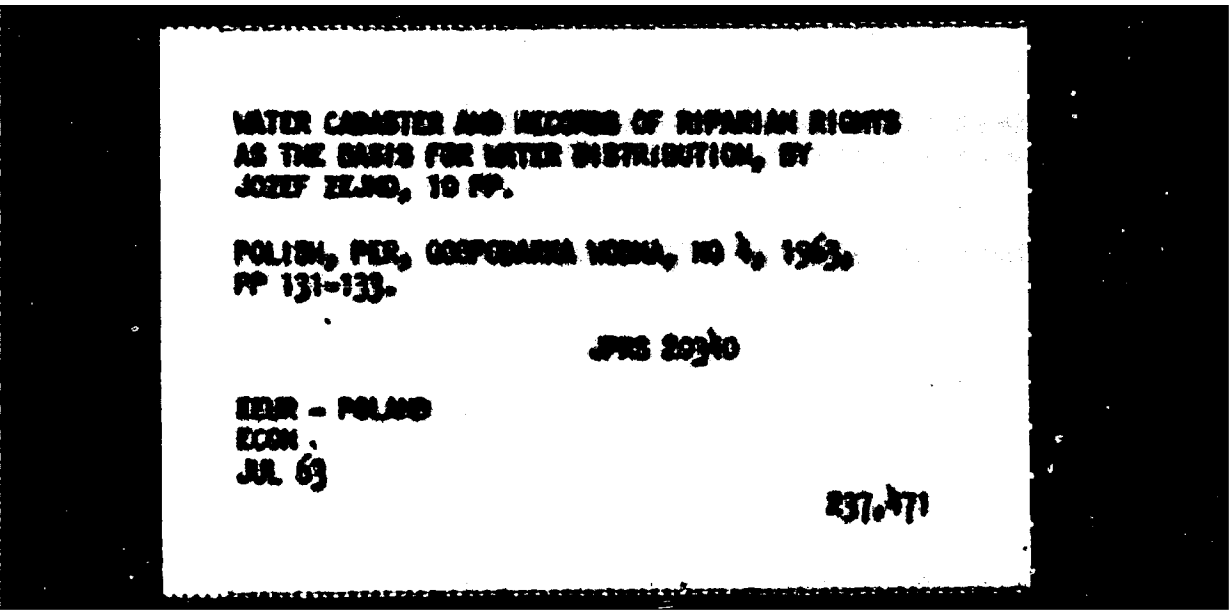

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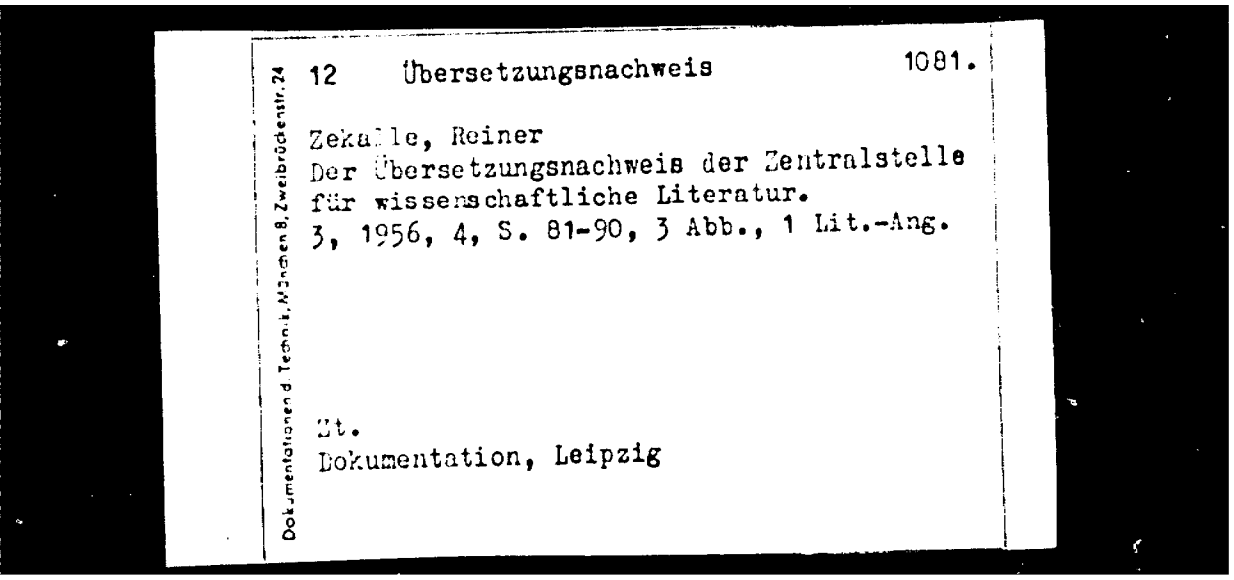

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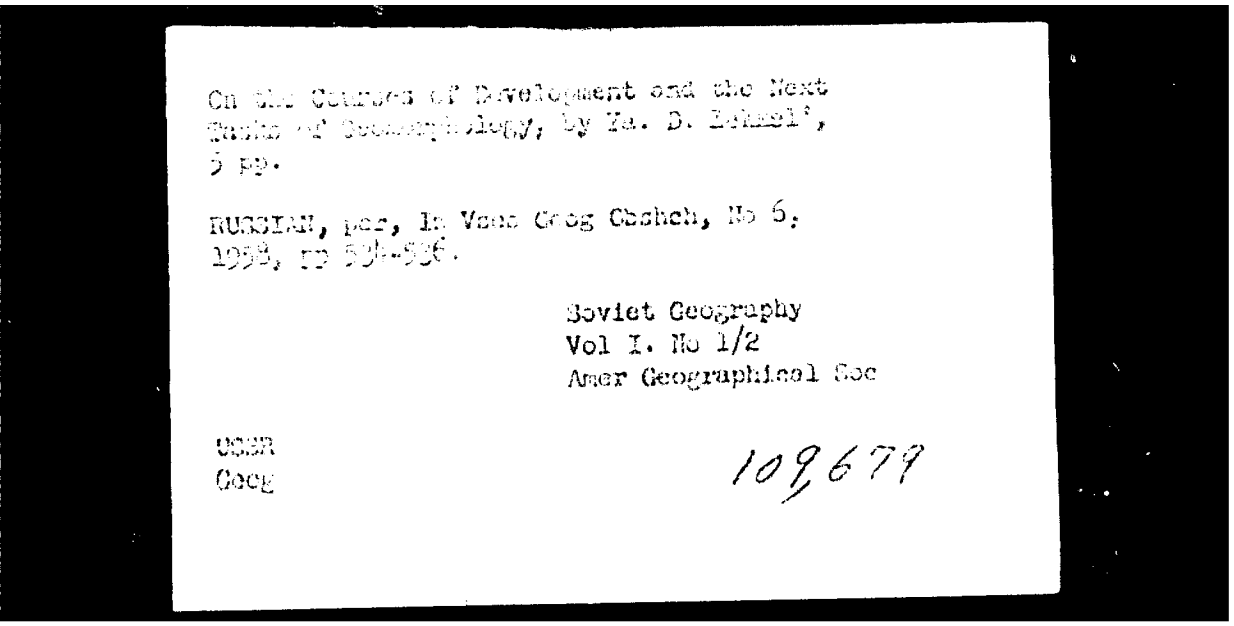

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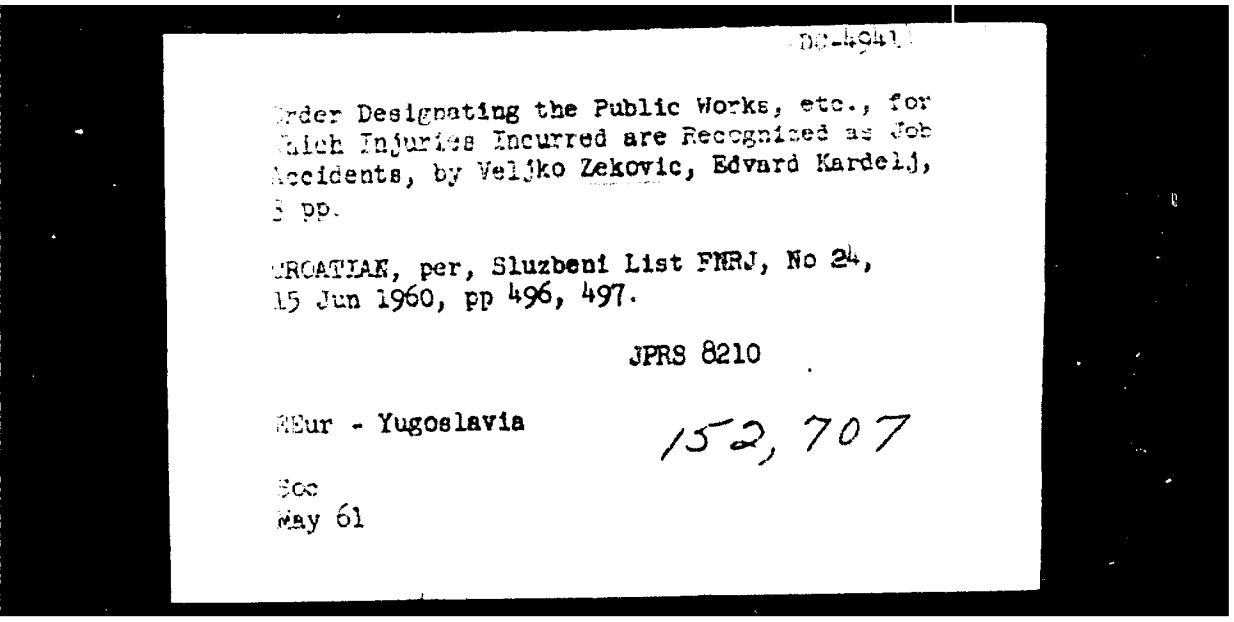

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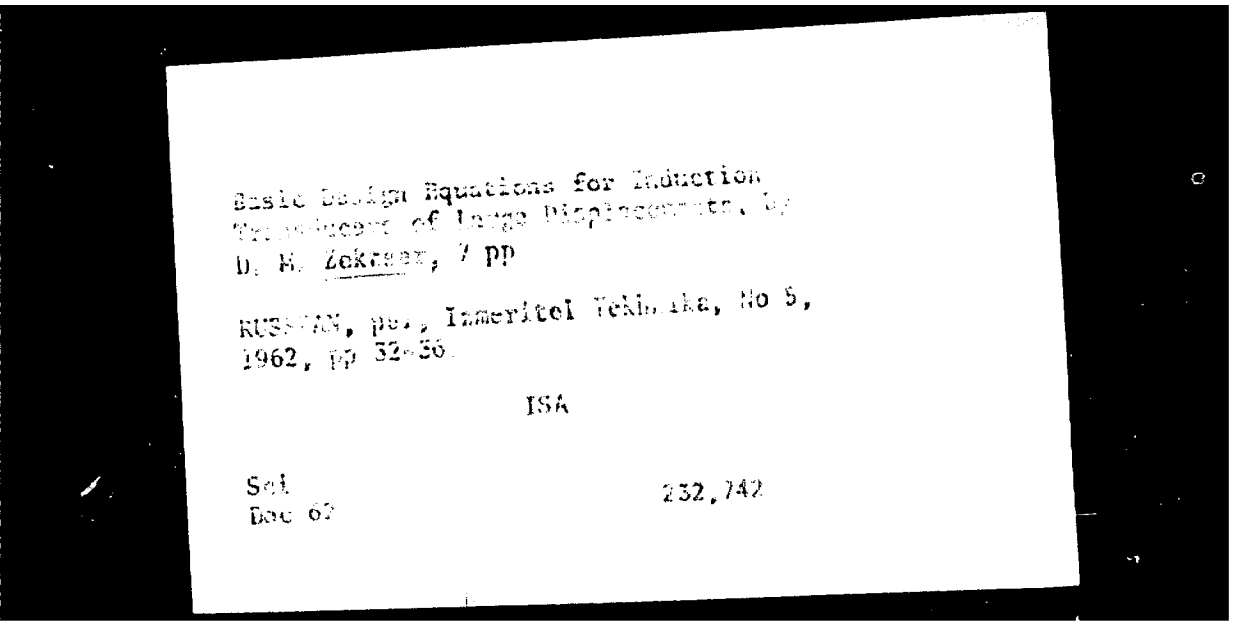

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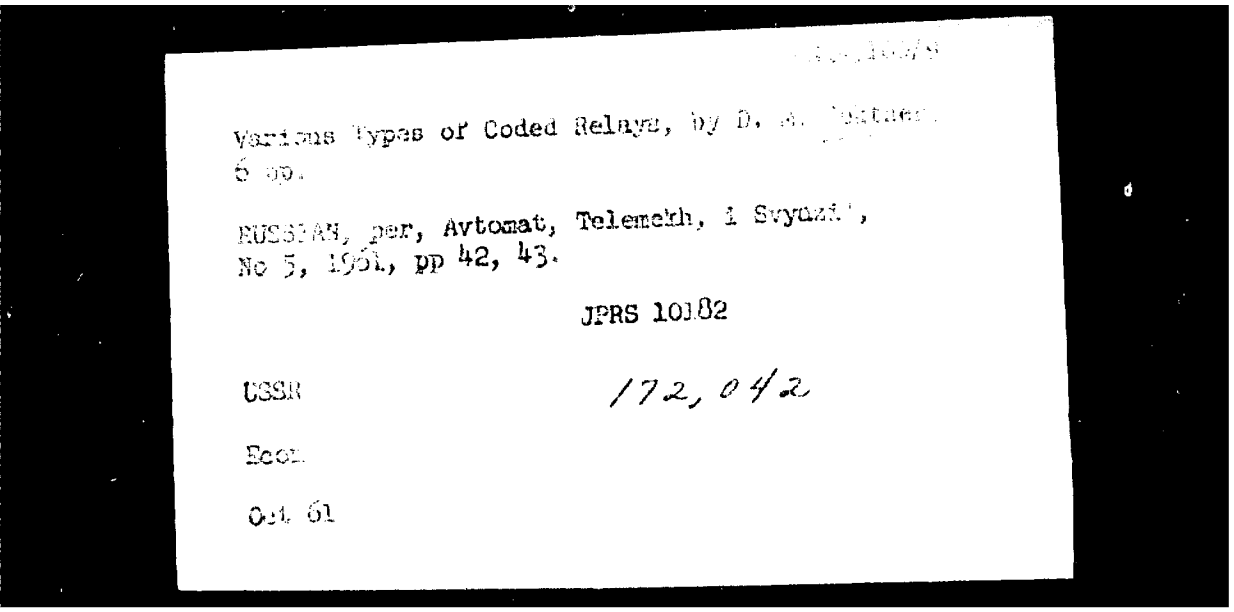

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